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CHELTEN ELECTRICAL SPECIALTIES

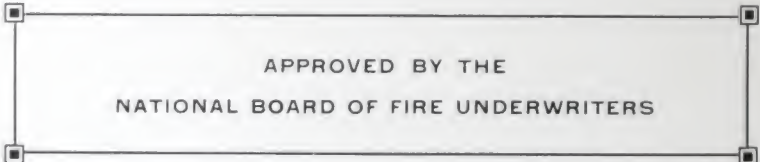
CHELTEN ELECTRIC CO.

PHILADELPHIA

1913







APPROVED BY THE
NATIONAL BOARD OF FIRE UNDERWRITERS

DISCOUNT SHEET SENT ON REQUEST



CATALOGUE

1913

ELECTRICAL SPECIALTIES

"BEST BY TEST"

CHELTEN ELECTRIC Co.

INCORPORATED

PHILADELPHIA

BRANCH SALES OFFICES

NEW YORK	CHICAGO	ST. LOUIS
CLEVELAND	BOSTON	SAN FRANCISCO
BUFFALO	ATLANTA	DENVER
NEW ORLEANS	MILWAUKEE	DALLAS
	VANCOUVER	



STOCK ON SALE IN ALL LARGE CITIES





HOME OF THE "CHELTENHAM SPECIALTIES," PHILADELPHIA



FOREWORD

In the following pages we have endeavored to describe clearly, without superfluous wording, the principal house-wiring specialties manufactured and supplied by us.

Our facilities are exceptional for the production of superior material, which, combined with close attention to details, insure to our patrons satisfactory goods and prompt shipment.

Too little attention is given the big factor of *quality* in buying. There are almost as many grades of quality as Switches, and the tendency to regard price only is altogether wrong. In rare cases our prices may be a trifle higher, but the difference in quality, when considered, far over-balances the difference in prices.

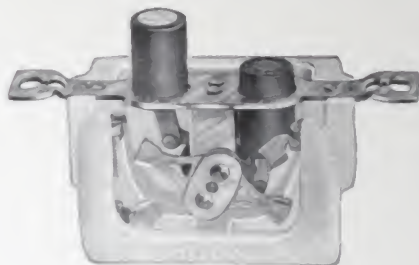
CHELTEN ELECTRIC CO.
INCORPORATED



ID 91-B2756 TCF



"CHELTEN" SHALLOW PUSH BUTTON SWITCHES



CAT. No. 4000
PAT. MAY 7, 1912

The "Chelten" Shallow Push Button Switch, like our other specialties, is the result of a number of years' experience in the line of switch manufacture; by those who have been with the industry since its infancy. It is not a side line with us, it is our whole business. We have studied every detail, and have spared neither time nor expense in bringing our switch to its present state of perfection. It is because of this quality that we are in a position to insure satisfaction and give an absolute guarantee with each and every switch which leaves our factory.

"Chelten" Switches pass through three most rigid inspections of our own, and one under the supervision of the Underwriters' Laboratories. The latter inspection enables us to place upon each switch the Underwriters' "Label of Approval."

The use of Push Switches in narrow wall partitions and elsewhere has made a Shallow Switch necessary. With this in view the present "Chelten" Switch was designed. Our Switches will fit any Wall Box, and can be used with any standard Plate, but we strongly recommend the use of our own Boxes and Plates.

"Chelten" Switches are being shipped in large quantities and are giving entire satisfaction everywhere. They have been installed in many of the largest buildings and used by the large contractors who know where to buy material of the highest class. Our Switches are also strongly recommended to those contractors who are doing small house-wiring, and are forced, to meet competition, to buy the best material at fair prices. No order is too large to receive our attention, and none too small. We want you among our customers, and take this opportunity of requesting the pleasure of placing your name upon our mailing list. We are continually sending out catalogs and literature which will cost you nothing, and which are yours for the asking. Your name on our list will insure you of getting interesting information relative to Switches and our other Specialties, besides numerous wiring diagrams and data which should be in the hands of every jobber and contractor.

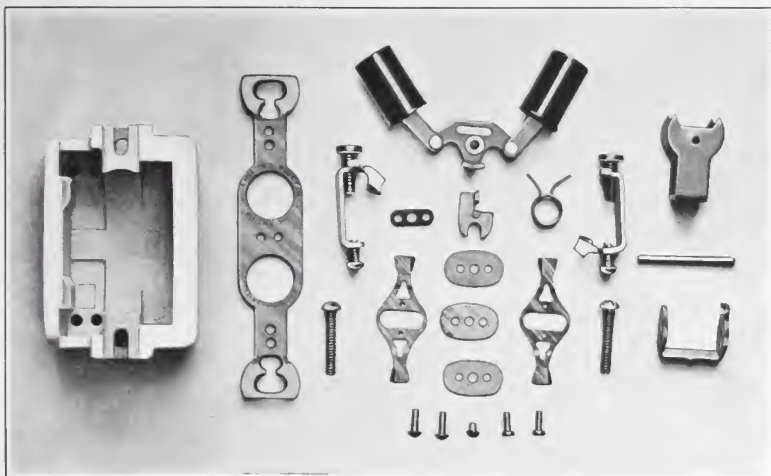
STOCK CARRIED



THROUGHOUT CANADA

CHELTEN ELECTRIC CO.

PHILADELPHIA



SINGLE POLE SWITCH PARTS

SERVICE

Have been tested to operate over five hundred thousand makes and breaks. Exceedingly easy and noiseless push, with a smooth, positive locking action. Will break 15 amperes, 250 volts, or 200 per cent. overload, the Underwriters requiring but 50 per cent. overload. Are moisture-proof, for switches filled with water and allowed to stand show no signs of the insulation breaking down when tested for a short.

MATERIAL

We use in the manufacture of the "Chelten" Switch the best material the market affords. The porcelain bases are made especially heavy, to avoid any danger of breakage in transportation. Blades are made of strong spring phosphor bronze. All steel parts are case-hardened, to prevent wear, and copper-plated, to prevent rust. All parts are uniform, being made by punches and dies, and assembled in jigs, insuring absolute uniformity. Binding screws are 8-32, with large heads. Switches are shallow, being only $1\frac{1}{8}$ " deep.

MECHANISM

Our design is simple. We do not depend on a secondary spring for locking action. Terminals are held in the base by two screws, so that they cannot be turned out of alignment when wiring the switch in circuit. Terminals and brushes are formed from one piece of brass, giving a solid conductor. Our blades are designed to give a strong spring contact on the brush, and are provided with a wide flare, thus allowing them to easily center themselves on the brushes.

OUR PRICES



ARE INTERESTING

CHELTEN ELECTRIC CO.

PHILADELPHIA



NEW PHILADELPHIA STOCK EXCHANGE BUILDING

"Chelten" products are installed in some of the largest buildings throughout the country, and we wish to call your especial attention to the new Philadelphia Stock Exchange, recently erected, in which "Chelten" Switches and Receptacles were used exclusively.

PUSH BUTTON SWITCHES

LIST PRICES

CAT. No.		AMPS.	VOLTS	STAND. PKG.	PKG. WT.	LIST PRICE
4000	Single Pole	10	125	100	60	\$0.56
		5	250			
4001	Double Pole	10	125	100	60	.80
		10	250			
4002	Three-Way	10	125	100	60	.80
		5	250			
4003	Four-Way	10	125	10	7	2.00
		5	250			

Lock Switches may be assorted with standard Switches to make up standard packages.

LOOK FOR THE SALMON



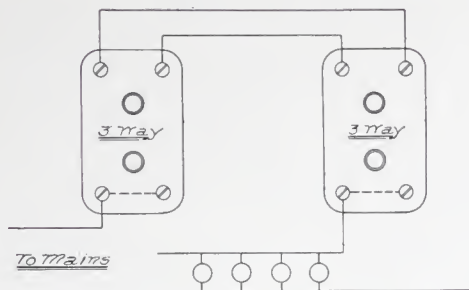
COLORED SWITCH BOX

CHELTEN ELECTRIC CO.

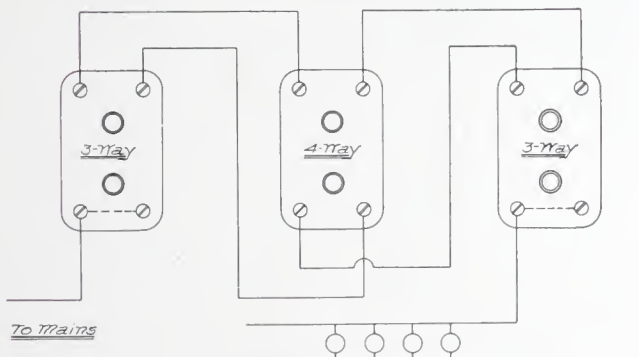
PHILADELPHIA



WIRING DIAGRAM FOR PUSH BUTTON SWITCHES



3-Way Connections



4-Way Connections

Single pole and double pole Switches are used for controlling a circuit from one point, the former being used extensively in office and house work.

Three-way Switches control a group of lights from either one or two places, a switch being located at each place.

A Four-way Switch is used in conjunction with two Three-way Switches where a light or group of lights is to be controlled from three places. Where it is necessary to control lights from more than three places, additional Four-way Switches are put into the circuit.

SATISFACTION



GUARANTEED

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" SHALLOW PUSH BUTTON LOCK SWITCHES



CAT. NO. 4004

Our Lock Switch is designed for use in apartments, stores, and other such places where the switch is exposed to the public, but must be controlled by a few. With these switches it is necessary to possess a key in order to operate the switch.

In manufacturing the "Chelten" Lock Switch, we use the same superior mechanism found in our standard switch.

LIST PRICES

CAT. NO.		AMPS.	VOLTS	STAND. PKG.	PKG. WT.	LIST PRICE
4004	Single Pole	10	125	100	60	\$1.06
		5	250			
4005	Double Pole	10	125	100	60	1.30
		10	250			
4006	Three-Way	10	125	100	60	1.30
		5	250			
4007	Four-Way	10	125	10	7	2.50
		5	250			
4200	Key only			10	1	.15

One key is furnished with each switch.

Outside supporting screws, $3\frac{5}{16}$ inches on centers.

Standard switches may be assorted with lock switches to make up standard packages.

PROMPT



DELIVERIES

CHELTEN ELECTRIC CO.

PHILADELPHIA



IMPORTANT INSTALLATIONS OF "CHELTEN" SPECIALTIES



WOODWARD BUILDING WASHINGTON D. C.

Philadelphia Stock Exchange Building
Ritz Carlton Hotel
Woodward Building
Shoreham Hotel
Mrs. Marshall Field's Residence
Yale University
Vassar College
State Capitol
Trinity Court Apartment
Garden City Hotel
General City Hospital
Canadian Custom House
Empress Hotel
American National Bank Building
Marston Building
Campbell Building
Wood Norton Apartments

Philadelphia, Pa.
Philadelphia, Pa.
Washington, D. C.
Washington, D. C.
Washington, D. C.
New Haven, Conn.
Poughkeepsie, N. Y.
Albany, N. Y.
Boston, Mass.
Garden City, L. I.
Winnipeg, Manitoba, Canada.
Vancouver, B. C., Canada.
Victoria, B. C., Canada.
San Diego, Cal.
San Diego, Cal.
Victoria, B. C., Canada.
Philadelphia, Pa.

BEST BY TEST



BUILT TO SATISFY

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" SWITCH PLATES



CAT. NO. 5011

The Switch Plate is always most prominent on the wall, and is that part of the entire wiring installation which comes most forcibly to the attention of your customer. A poor plate with poorly beveled edges, and of inferior quality, will ruin what otherwise would be a first-class job; so, when ordering plates, specify "Chelten," and you will secure a brass plate which will give entire satisfaction. The finish on our plates not only shows up well, but is lasting. We strongly recommend the use of brass plates in preference to the plated steel plates now being placed upon the market.

Our standard finishes are Brush Brass, Polished Brass, Oxidized Copper, and Nickel, for which there will be no extra charge. Unless otherwise specified, plates will always be furnished with a Brush Brass finish. Our plating department is prepared to finish plates in Bauer Barff, Bronze, Polished Bronze, Flemish Brass, Silver, polished or dull, Gold; in fact, we are in a position to match samples of any hardware which might be furnished us.



CAT. NO. 5012

Solid Plates can be made in any size from one-gang up. Stamped Plates are furnished only in one, two and three gangs.

For Combination Plates, see Pages 14 and 15.





"CHELTEN" COMBINATION AND SPECIAL PLATES

Our plate department is always prepared to build any special plate which might be desired by the architect or engineer.

Our designing department is always ready to give any information or to suggest ideas as to plate construction. We show on the next page a number of plates which are readily used in combination with each other.



CAT. NO. 5018



CAT. NO. 58

LIST PRICES

Stamped Face Plates 1040 in. Brass
Solid Face Plates No. 10 B. & S. Brass

STAMPED PLATES

CAT. NO.	SIZE	STAND. PKG.	PKG. WT.	LIST PRICE
5011	For one switch, $4\frac{1}{2} \times 2\frac{1}{2}$ in.	100	20	\$0.22
5012	For two switches, $4\frac{1}{2} \times 4\frac{9}{16}$ in.	50	40	.44
5013	For three switches, $4\frac{1}{2} \times 6\frac{1}{2}$ in.	35	55	.66

SOLID PLATES

5014	For one switch, $4\frac{1}{2} \times 2\frac{1}{2}$ in.	25	30	.35
5015	For two switches, $4\frac{1}{2} \times 4\frac{9}{16}$ in.	15	55	.70
5016	For three switches, $4\frac{1}{2} \times 6\frac{1}{2}$ in.	10	100	1.05
5017	For four switches, $4\frac{1}{2} \times 8\frac{1}{8}$ in.	10	120	1.40
5018	For five switches, $4\frac{1}{2} \times 10$ in.	10	140	1.75
5019	For six switches, $4\frac{1}{2} \times 11\frac{1}{2}$ in.	5	160	2.10

TANDEM SOLID PLATES

5025	For two switches, $2\frac{1}{2} \times 8\frac{1}{2}$ in.	10	80	.70
5026	For three switches, $2\frac{1}{2} \times 11\frac{1}{2}$ in.	5	100	1.05
5027	For four switches, $2\frac{1}{2} \times 15\frac{1}{2}$ in.	5	120	1.40

Switches in gangs are spaced $1\frac{1}{4}$ inches on centers.

Switches in "tandem" are spaced $3\frac{1}{2}$ inches on centers.

Standard Finishes: Brush Brass, Polished Brass, Oxidized Copper, Nickel.

Plates will be furnished in Brush Brass, unless otherwise specified.

Weights are per hundred plates packed for shipping.

IF IT IS "CHELTEN"



IT WILL SATISFY

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" SPECIAL PLATES

When ordering special plates, it is simply necessary to specify the different plate letters, designating each part in the order in which the plate is to be laid out. List prices are obtained by adding together the separate list price of each part.

LIST PRICES

COMBINATION PLATES WHICH ARE GENERALLY CARRIED IN STOCK

CAT. No.	PLATE LETTERS	PLATE	STAND. PKG.	LIST PRICE
50	B A	Plug Receptacle and Switch	10	\$0.95
51	C A	Screw Receptacle and Switch	10	1.00
52	F A	Hubbell Receptacle, No. 5418, and Switch 10		1.00
53	D A	Indicating Switch Receptacle	10	1.60
54	G A	Bell Push and Switch	10	1.60
55	B D A	Indicating Heater—Plug type	10	2.20
56	C D A	Indicating Heater—Screw type	10	2.25
57	D	Red Bull's-eye	10	1.25
58	E	Telephone Outlet, with $\frac{3}{8}$ in. Bushing 10		.60
59	F	For Hubbell Receptacle, No. 5418	10	.65
60	G	For Bell Push	10	1.25
61	H	Blank—to fit Wall Case	25	.35
62	I	Blank—to fit Switch Lug	10	.35
63	HH	Two-gang Blank—to fit Wall Case	5	.70
64	HHH	Three-gang Blank—to fit Wall Case	5	1.05

Will be furnished with Brush Brass finish, unless otherwise specified.

Ten per cent. extra list for Tandem Combination Plates.

OUR SPACER WALL



BOXES ARE UNSURPASSED

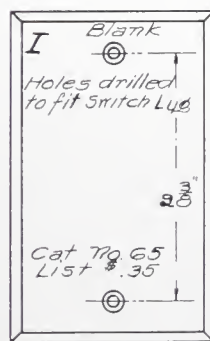
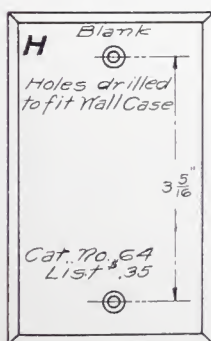
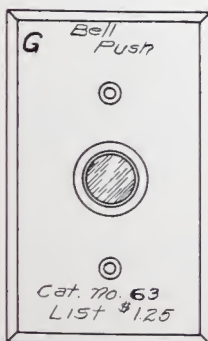
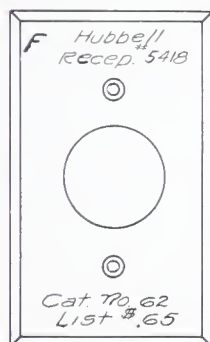
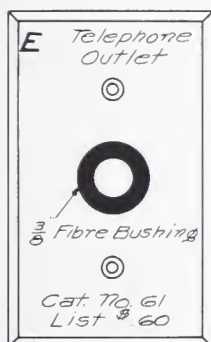
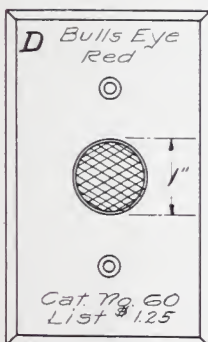
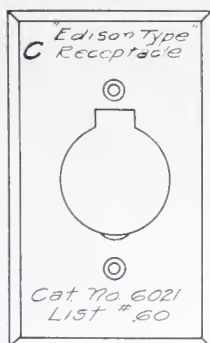
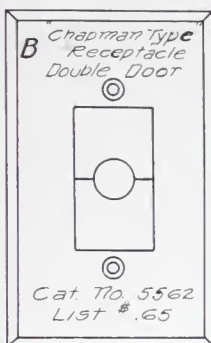
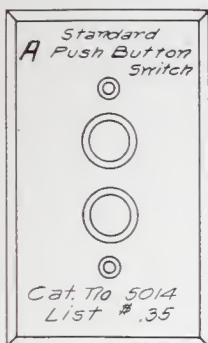
CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" SPECIAL PLATES

For information relative to ordering special plates, refer to previous page



CARRIED BY THE



LARGEST JOBBERS

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" FLUSH RECEPTACLES AND INTERCHANGEABLE PLUGS

Chapman Type



CAT. NO. 5559

The "Chelten" Plug has been so designed that it is interchangeable with the Chapman type, but far stronger mechanically. We place a through hole in the center of the plug, which allows of sufficient space for a knot, upon which the strain falls when the plug is removed from the receptacle by means of the cord. Plugs are well finished and compact, and readily stand more than ordinary

usage. We are also prepared to furnish an unbreakable *Composition Plug* when purchased in connection with our Plate and Receptacle, at the same price as the Porcelain Plug.

We use long binding screws, which make this Plug very easy to wire.

Our Receptacles are shallow, of heavy porcelain, and will fit any standard Box.

Our Plates are well finished, edges are properly beveled, and doors work smoothly and fit well. These plates can be furnished in any of the finishes described in detail under "Switch Plates."



CAT. NO. 5561

CHELTEN SWITCH



NONE SHALLOWER

CHELTEN ELECTRIC CO.

PHILADELPHIA



“Chelten”
Specialties are being
used very extensively
throughout the west-
ern part of the
United States and
Canada. The Ameri-
can National Bank of
San Diego, Cal., is
an excellent illustra-
tion of one of the
most recent installa-
tions.



AMERICAN NATIONAL BANK BUILDING, SAN DIEGO, CAL.

PLUG AND RECEPTACLE

LIST PRICES

CAT. NO.		STAND.	PKG.	PKG. WT.	LIST PRICE
5559	Plug and Receptacle, complete, with Plate .	100	70		\$1.15
5560	Receptacle only	100	20		.40
5561	Plug only (Porcelain)	100	10		.20
5561 A	Plug only (Composition)	50	10		.40*
5562	Single Face Plate	100	55		.55
5563	Two-gang Face Plate	50	55		1.10
5564	Three-gang Face Plate	35	60		1.65
5565	Four-gang Face Plate	25	60		2.20

* Composition Plugs, when ordered with our Plates and Receptacles, may be
assorted at the same list price as the Porcelain Plug.

APPROVED BY



THE UNDERWRITERS

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" FLUSH SCREW RECEPTACLES

For Edison Base Screw Plugs

3 Amperes, 250 Volts—National Electrical Code Standard



CAT. NO. 6019

The "Chelten" Flush Screw Receptacle has been designed to take care of several defects found in a number of the Receptacles now upon the market. We have placed a solid brass washer at the base of our Receptacle, to prevent the shell from coming loose should the cord attachment be subjected to sudden strain. We have found by actual experience that this method is preferable to holding the shell in by means of simply one or two screws.

The Receptacle Plate is dust-proof when the door is closed, and, in fact, presents the appearance of a solid plate, the door fitting perfectly. The finish is similar to those listed on the previous page.

LIST PRICES

CAT. NO.		STAND. PKG.	PKG. WT.	LIST PRICE
6019	Receptacle, complete, with Plate	100	100	\$1.00
6020	Receptacle only	100	60	.40
6021	Single Face Plate	100	55	.60
6022	Two-gang Face Plate	50	55	1.20
6023	Three-gang Face Plate	35	50	1.80
6024	Four-gang Face Plate	25	50	2.40

BULLETINS SUPPLIED



WITH YOUR IMPRINT

CHELTEN ELECTRIC CO.

PHILADELPHIA



WOOD-NORTON APARTMENTS, PHILADELPHIA

FREIGHT RATES PER HUNDRED POUNDS FROM PHILADELPHIA

	SWITCHES AND RECEPTACLES	WALL BOXES		SWITCHES AND RECEPTACLES	WALL BOXES
Atchison, Kan.	\$1.37	\$0.98	New Orleans (By Boat)	\$0.70	\$0.70
Atlanta, Ga.	1.17	.92	New York, N. Y. . . . .	.22	.15
Boston, Mass. . . . .	.35	.25	Oklahoma City, Okla.	2.09	1.66
Buffalo, N. Y. . . . .	.39	.28	Omaha, Neb.	1.37	.98
Calgary, Alberta	3.33	2.23	Peoria, Ill. . . . .	.77	.53
Chicago, Ill. . . . .	.69	.48	Portland, Oregon (Boat		
Cleveland, Ohio . . . . .	.47	.34	from New York)	1.50	1.25
Dallas, Texas	2.26	1.83	St. Joseph, Mo.	1.37	.98
Davenport, Iowa . . . . .	.91	.64	St. Louis, Mo. . . . .	.82	.57
Denver, Colo.	2.44	1.80	San Francisco, Cal. (Boat		
Des Moines, Iowa	1.19	.87	from New York)	1.50	1.25
Jacksonville, Fla.	1.06	.88	Seattle, Wash. (Boat		
Kansas City, Mo.	1.37	.98	from New York)	1.50	1.25
Lincoln, Neb.	1.42	1.03	Springfield, Ill. . . . .	.82	.57
Los Angeles, Cal. (Boat			Toronto, Canada . . . . .	.57	.49
from New York)	1.50	1.25	Vancouver, B. C. (Boat		
Memphis, Tenn. . . . .	.94	.63	from New York)	1.60	1.35
Montreal, Canada . . . . .	.55	.47	Wichita, Kansas	2.02	1.55
Milwaukee, Wis. . . . .	.69	.48	Winnipeg, Canada	1.95	1.46
Nashville, Tenn. . . . .	.85	.58	Washington, D. C. . . . .	.28	.20

SPECIFY "CHELTEN"



SEE THAT YOU GET IT

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" INDICATING HEATER RECEPTACLES

For Electric Heaters, Irons, Etc.



CAT. NO. 30

The architect, in planning the modern house, as a rule, locates proper outlets for the several electric heaters. These are to be found in the bath-room, where curling irons and water heaters are used; in the laundry, where electric irons are used, and in the butler's pantry, where electric dish warmers, chafing dishes, and similar heaters are used.

The Underwriters require some means to indicate when the current is on, in order to guard against the possible danger of the heater setting fire to the surrounding woodwork.

For LIST PRICES, see Page 22

OUR GUARANTEE



WITH EVERY SPECIALTY

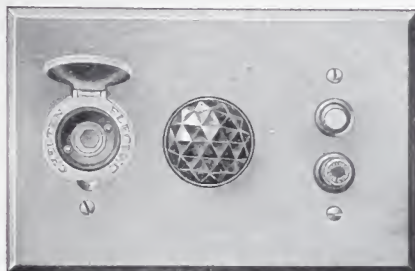
CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" INDICATING HEATER RECEPTACLES

For Electric Heaters, Irons, Etc.



CAT. NO. 31

One of the most practical and neatest devices for this purpose is the "Chelten" Indicating Heater Receptacle. This Receptacle is mounted in a standard three-gang wall box. The face plate has a Receptacle at one end, a Push Button Switch at the other, and a one inch red cut glass bull's-eye in the center, back of which is mounted a small signal lamp, which tells at a glance whether the current is on or off.

We also manufacture an Indicating Heater Receptacle, which has, instead of the bull's-eye, a Sign Receptacle mounted on the plate, in order that an ordinary sixteen-candle power lamp may answer the purpose of the small enclosed lamp of our other type.

For LIST PRICES, see Page 22

MONEY SAVED IS



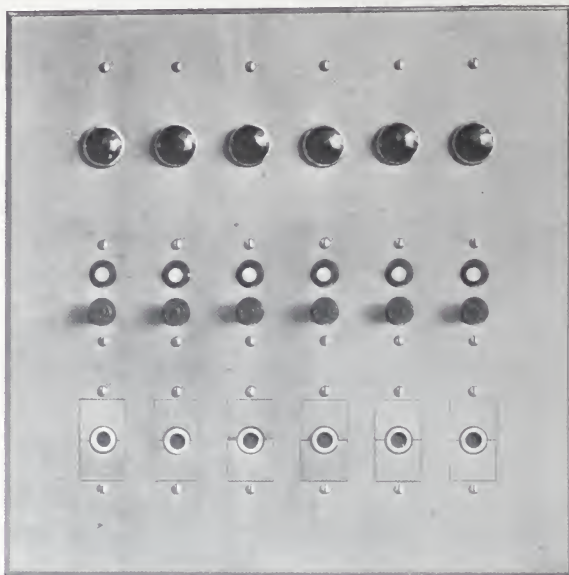
MONEY EARNED

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" INDICATING HEATER RECEPTACLES



LIST PRICES

CAT. NO.	SPECIALTY	STAND. PKG.	PKG. WT.	LIST PRICE
30	Complete device, including Plate, Double Pole Switch, Plug and Receptacle, Three-gang Wall Case, Lamp and Base Receptacle	10	45	\$6.00
31	Complete device, including Plate, Single Pole Switch, Screw Receptacle, Three-gang Wall Case, Lamp and Base Receptacle	10	45	5.61
32	Complete device, including Plate, Double Pole Switch, Plug and Receptacle, Three-gang Wall Case, Sign Receptacle	10	45	5.40
33	Complete device, including Plate, Single Pole Switch, Screw Receptacle, Three-gang Wall Case, Sign Receptacle . . .	10	45	5.01

A JOBBER IN YOUR



TOWN CARRIES "CHELTEN"

CHELTEN ELECTRIC CO.

PHILADELPHIA



TRINITY COURT APARTMENT, BOSTON

One hundred and thirteen "Chelten" Indicating Heater Receptacles were installed in the Trinity Court Apartment, Boston. This is just one of the many installations in which our Heater Receptacles have been used.

This little piece of apparatus is designed to meet the requirements of the most exacting architects, and is to-day being specified exclusively by a number of the largest.

WE ARE GROWING



ON OUR MERITS

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" INDICATING SWITCH RECEPTACLES

For Cellar and Vault Lights—Distant Control of Motors



CAT. NO. 40

This wiring specialty is designed for the control of cellar or vault lights, or the distant control of motors, vacuum cleaners, etc. The plate, consisting of a 1" red bull's-eye, together with outlets for switch buttons, is built to fit either a Two-gang or Tandem Box. In the rear of the bull's-eye has been placed a four-candle power lamp, which shows from a distance whether the current is on or off.

When used with a Momentary Contact Switch, it makes an ideal installation for the direct control of motors such as to drive vacuum cleaners, etc., the light showing whether the motor is on or off, and reminding the operator to shut it off when through.



CAT. NO. 41

LIST PRICES

CAT. NO.		STAND. PKG.	PKG. WT.	LIST PRICE
40	Complete, with Plate, Single Pole Push Button Switch, Tandem Box, Lamp and Base Receptacle	10	30	\$4.06
41	Complete, with Plate, Single Pole Push Button Switch, Two-gang Box, Lamp and Base Receptacle	10	30	4.06
42	Complete, with Plate, Momentary Contact Switch, Tandem Box, Lamp and Base Receptacle	10	30	7.50
43	Complete, with Plate, Momentary Contact Switch, Two-gang Box, Lamp and Base Receptacle	10	30	7.50

WHEN YOU BUY "CHELTEN"



YOU BUY THE BEST

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" INDICATING SWITCH RECEPTACLE

For Controlling Vacuum
Cleaners from several points

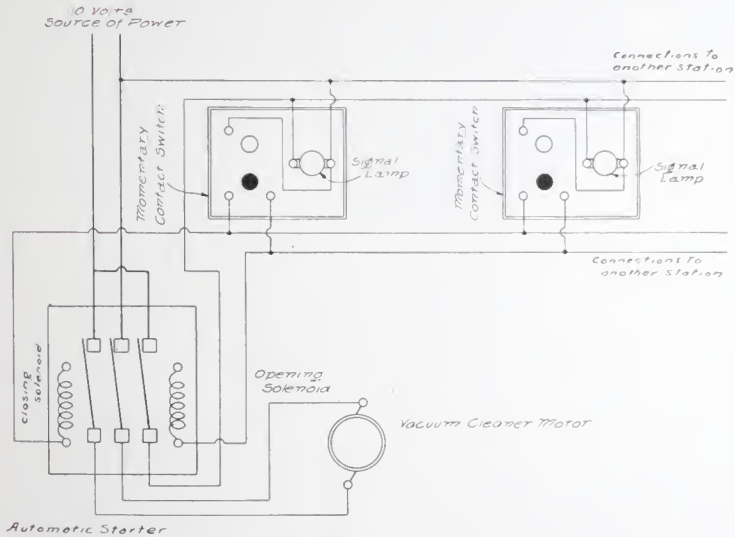


Diagram of Connections
showing wiring of momentary contact switch and signal
lamps for controlling stationary vacuum cleaner from
several points

WIRING DIAGRAM

LIST PRICES—See Opposite Page

DISCOUNT SHEET

SENT ON REQUEST

CHELTEN ELECTRIC CO.



PHILADELPHIA



"CHELTEN" PRESSED STEEL WALL CASES

(Removable Side Type, for old or new work)

(PATENT APPLIED FOR)

Two and Three Inches Deep

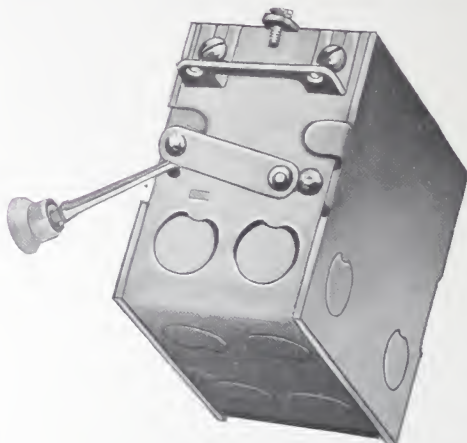


FIGURE 1

We wish to call your special attention to our newly designed spacer wall case, so constructed that there are no loose parts. Those screws and parts which are found loose in other boxes on the market, are replaced in this box by pins, held to the side of the box by means of pieces of flat spring metal. These boxes can be readily adjusted and ganged together with little effort, only half as long a time being required for this operation than is the case with the usual wall box.

These boxes are furnished in three-inch type for loom and pipe, and two-inch type for loom, and are finished in black enamel.

Prices are the same as the loose screw type.

Ears, unless otherwise specified, are placed for new work.

In ganging our box together, it is merely necessary to remove the side of the single gang box, by inserting a screw driver, pen knife, nail, or some other such article, under the springs, and raising the springs to the up position. (Figure 1).

With the springs in this position, the side readily pulls out. (Figure 2).

The spacer can be pushed into the place formerly occupied by the side. (Figure 3).

With the spacer in place, the side removed from the original box can be used in completing the gang box. (Figure 4).

If it is necessary to have a three, four, or larger gang box, it simply requires the use of extra spacers.

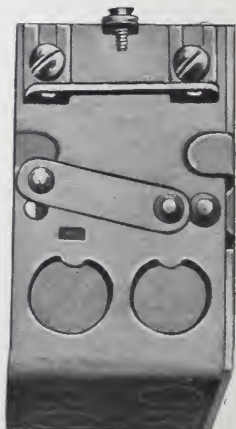


FIGURE 2

SPECIAL DISCOUNTS



ON QUANTITY ORDERS

CHELTEN ELECTRIC CO.

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WALL CASES

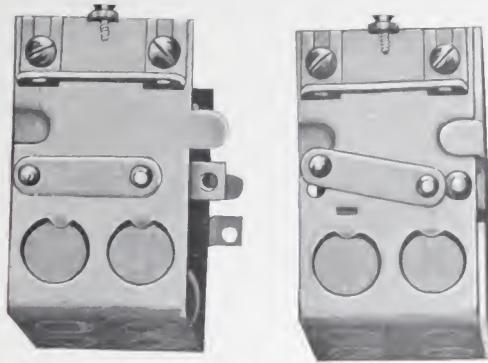


FIGURE 3

LIST PRICES

CAT. NO.		STAND. PKG.	WT. PER 100	LIST PRICE
8800	Single-gang spacer type, 3 in. deep for loom	100	80	\$0.50
8801	Spacer for same (Loom)	100	55	.40
9900	Single-gang spacer type, 3 in. deep for pipe	100	80	.50
9901	Spacer for same (Pipe)	100	55	.40
7801	Single-gang spacer type, 2 in. deep for loom	100	65	.50
7802	Spacer for same (Loom)	100	50	.40

Ears arranged for new work, unless otherwise specified.

Wall cases are stamped from .081 steel, black enamel finish.

Standard packages may be made up of assorted sizes.

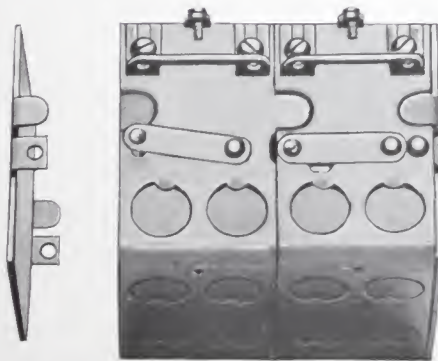


FIGURE 4

MAY WE SEND



YOU A SAMPLE

CHELTEN ELECTRIC CO.

PHILADELPHIA



"CHELTEN" CAST IRON CONDUIT BOXES

For Open or Exposed Work



CAT. NO. 8860

This wall case is built of cast iron, neatly finished in black enamel, and so designed to take the "Chelten" or any other standard Push Button Switch or Receptacle.

These cases can be furnished in any size up to four-gangs for use in all open and exposed places. This box is so cast and finished that the plate does not project over the edges, an excellent feature not found in other boxes.

LIST PRICES

CAT. NO.		STAND. PRG.	PRG. WT.	LIST PRICE
8860	Single Box	10	25	\$0.60
8861	Two-gang Box	5	20	1.20
8862	Three-gang Box	5	25	1.80
8863	Four-gang Box	5	30	2.40

Drilling extra:—2 cents net for $\frac{1}{2}$ -in. or $\frac{3}{4}$ -in. pipe holes.

5 cents net for 1-in. holes.

SAMPLES SENT

ON REQUEST

CHELTEN ELECTRIC CO.



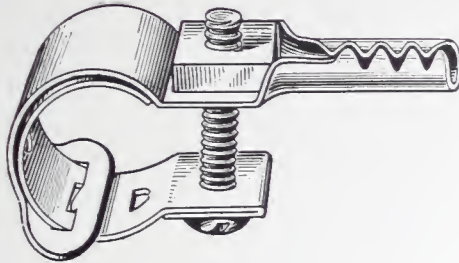
PHILADELPHIA



AMERICAN ADJUSTABLE GROUND CLAMP

For Power and Light Circuits

Approved by the Underwriters



PAT. JAN. 18, 1910

"THE CLAMP THAT CLAMPS"

In presenting our patented Adjustable Ground Clamps, we are filling a long-felt want for a Clamp that is easily and quickly adjusted to any size pipe, giving excellent contact and ground with little labor, and presenting the most finished appearance. We manufacture them in three sizes for pipes ranging in size from $\frac{3}{8}$ inch to 3 inches; so it is not necessary to carry in stock a dozen different size Clamps to meet requirements. By means of simply a screw driver, it may be adjusted to the pipe.

It is made of pure copper, in two parts, interlocked, so that it makes an absolute and permanent contact when fastened to the pipe with screw and lock nut.

The lug for wire connection is notched and tinned, which allows for the free flow of solder. When the lug is pressed together, it forms a perfect, solid joint.

A request will bring a sample by return mail.

See our Ground Clamp, and be convinced.

LIST PRICES

SIZE	FOR USE WITH	STAND. PKG.	PKG. WT.	LIST PRICE
No. 1	$\frac{3}{8}$ -in., $\frac{1}{2}$ -in., $\frac{3}{4}$ -in. and 1-in. Pipe	100	9	\$0.20
No. 2	$1\frac{1}{4}$ -in., $1\frac{1}{2}$ -in. and 2-in. Pipe	50	7	.25
No. 3	$2\frac{1}{2}$ -in. and 3-in. Pipe	25	6	.30

DON'T FORGET THE



"SALMON-COLORED BOX"

CHELTEN ELECTRIC CO.

PHILADELPHIA



INDEX

CAT. NO.	SPECIALTY	STAND. PKG.	LIST	PAGE
SWITCHES (PUSH BUTTON)				6-9
4000	Single Pole	100	\$0.56	
4001	Double Pole	100	.80	
4002	Three-way	100	.80	
4003	Four-way	10	2.00	
(LOCK SWITCHES)				10-11
4004	Single Pole	100	1.06	
4005	Double Pole	100	1.30	
4006	Three-way	100	1.30	
4007	Four-way	10	2.50	
4200	Key only	10	.15	
PLATES (SWITCH) (STAMPED)				12-13
5011	For one switch	100	.22	
5012	For two switches	50	.44	
5013	For three switches	35	.66	
(SOLID)				
5014	For one switch	25	.35	
5015	For two switches	15	.70	
5016	For three switches	10	1.05	
5017	For four switches	10	1.40	
5018	For five switches	10	1.75	
5019	For six switches	5	2.10	
(TANDEM SOLID)				
5025	For two switches	10	.70	
5026	For three switches	5	1.05	
5027	For four switches	5	1.40	
(SPECIAL)				14-15
50	Plug Receptacle and Switch	10	.95	
51	Screw Receptacle and Switch	10	1.00	
52	Hubbell Receptacle, No. 5418, and Switch	10	1.00	
53	Indicating Switch Receptacle	10	1.60	
54	Bell Push and Switch	10	1.60	
55	Indicating Heater—Plug type	10	2.20	
56	Indicating Heater—Screw type	10	2.25	
57	Red Bull's-eye	10	1.25	
58	Telephone Outlet, with $\frac{3}{8}$ -in. bushing	10	.60	
59	For Hubbell Receptacle, No. 5418	10	.65	
60	For Bell Push	10	1.25	
61	Blank—to fit Wall Case	25	.35	
62	Blank—to fit Switch Lug	10	.35	
63	Two-gang Blank—to fit Wall Case	5	.70	
64	Three-gang Blank—to fit Wall Case	5	1.05	
RECEPTACLES (CHAPMAN PLUG TYPE)				16-17
5559	Plug and Receptacle, complete, with Plate	100	1.15	
5560	Receptacle only	100	.40	
5561	Plug only (Porcelain)	100	.20	
5561A	Plug only (Composition)	50	.40	
5562	Single Face Plate	100	.55	
5563	Two-gang Face Plate	50	1.10	
5564	Three-gang Face Plate	35	1.65	
5565	Four-gang Face Plate	25	2.20	





INDEX

CAT. NO.	SPECIALTY	STAND. PKG.	LIST	PAGE
RECEPTACLES (EDISON SCREW TYPE)				18-19
6019	Receptacle, complete, with Plate	100	\$1.00	
6020	Receptacle only	100	.40	
6021	Single Face Plate	100	.60	
6022	Two-gang Face Plate	50	1.20	
6023	Three-gang Face Plate	35	1.80	
6024	Four-gang Face Plate	25	2.40	
INDICATING HEATER RECEPTACLES				20-23
30	Complete device, including plate, double pole switch, plug and receptacle, three-gang wall case, lamp and base receptacle	10	6.00	
31	Complete device, including plate, single pole switch, screw receptacle, three-gang wall case, lamp and base receptacle	10	5.61	
32	Complete device, including plate, double pole switch, plug and receptacle, three-gang wall case, sign re- ceptacle	10	5.40	
33	Complete device, including plate, single pole switch, screw receptacle, three-gang wall case, sign re- ceptacle	10	5.01	
INDICATING SWITCH RECEPTACLES				24-25
40	Complete with plate, single pole push button switch, tandem box, lamp and base receptacle	10	4.06	
41	Complete with plate, single pole push button switch, two-gang box, lamp and base receptacle	10	4.06	
42	Complete with plate, momentary contact switch, tandem box, lamp and base receptacle	10	7.50	
43	Complete with plate, momentary contact switch, two-gang box, lamp and base receptacle,	10	7.50	
WALL CASES (2 IN. AND 3 IN.)				26-27
8800	Single-gang Spacer type, 3 in. deep for loom	100	.50	
8801	Spacer for same (Loom)	100	.40	
9900	Single-gang Spacer type, 3 in. deep for pipe	100	.50	
9901	Spacer for same (Pipe)	100	.40	
7801	Single-gang Spacer type, 2 in. deep for loom	100	.50	
7802	Spacer for same (Loom)	100	.40	
CAST IRON CONDUIT BOXES				28
8860	Single Box	10	.60	
8861	Two-gang Box	5	1.20	
8862	Three-gang Box	5	1.80	
8863	Four-gang Box	5	2.40	
Size GROUND CLAMPS (ADJUSTABLE)				29
No. 1	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1-in. pipe	100	.20	
No. 2	$1\frac{1}{4}$, $1\frac{1}{2}$ and 2-in. pipe	50	.25	
No. 3	$2\frac{1}{4}$ and 3-in. pipe	25	.30	
ILLUSTRATIONS				
Philadelphia Stock Exchange, Philadelphia				8
Woodward Building, Washington, D. C.				11
American National Bank, San Diego, Cal.				17
Wood-Norton Apartments, Philadelphia				19
Trinity Court Apartment, Boston, Mass.				23



